

June 1882.

Mr. Gledhill, Jupiter's Satellites.

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Date.	Prec.	End.	Middle.	Foll.	Wt.	Long.	Prec.	Long.	Long.	
	h	m	h	m	h	m	End.	Middle.	Foll.	
1881, Nov.	13	50.3	14	21.8	14	48.8	3	355.8	14.8	31.2
	12	14.34.3	15	5.3	15	36.3	2.5	356.3	15.5	33.8
	14	16.12.0	16	40.3	17	10.3	3	356.5	13.6	31.7
	19	15.18.1	15	49.8			3	356.6	15.8	
	24	14.24.3	14	56.3	15	27.3	3.5	356.8	16.1	34.9
	26	16.2.5	16	33.6			3	357.2	16.0	
	Dec.	1	15.9.8	15	41.3	16	9.8	3.5	357.8	16.9
1882, Jan.	6	14.50.3	15	18.8	15	48.3	3			
	11		14	37.8			3			38.3
	13	15.38.3	16	6.3			2.5	2.8	19.7	
	Feb.	2		13.10.5			4			39.3
	4		14.19.3	14	48.8	2.5		21.2	40.3	
	9		13.33.3	14	1.3	3		24.8	41.7	

*Observations of the Phenomena of Jupiter's Satellites, made at Mr. Edward Crossley's Observatory, Bermerside, Halifax.*  
By J. Gledhill, Esq.

Date.	Satellite and Phenomena.	G.M.T.	Naut. Alm.	Remarks.
1881.		h m s	h m s	
Oct. 3	II. Ec. D. Fading away?	10 52 0	10 55 7	Sky not good.
	Certainly fading	53 0		
	Still visible	56 0		
	Gone	56 30		
12	II. Tr. I. First contact	9 16 0	9 15 0	Very bad definition.
	Inner contact	9 18 0		
14	I. Sh. I. Just on disk	10 45 0	10 42 0	Bad sky.
	I. Tr. I. Outer contact	11 25 0	11 26 0	"
	Inner ,,	11 28 0		"
Nov. 20	II. Tr. I. First contact	9 40 0	9 42 0	Fair.
	Bisection	9 43 0		
	Inner contact	9 44 0		Good.
	II. Sh. I. First seen	10 4 0	10 4 0	Windy; clouds,
	Inner contact	10 7 0		
22	II. Ec. R. First seen	7 32 49	7 33 41	
	Full?	7 36 15		

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Date.	Satellite and Phenomena.	G.M.T.	Naut. Alm.			Remarks.
			h	m	s	
1881. Nov. 22	I. Tr. I. Outer contact	8 55 0	8	55	0	
	Bisection	58 0				
	Inner contact	59 0				
	I. Sh. I. First seen	9 9 44	9	10	0	
	Inner contact	9 12 0				
	I. Tr. E. Outer contact	11 8 0	11	7	0	
	I. Sh. E. Just off	11 23 0	11	22	0	Uncertain.
25	III. Sh. I. Just within	11 11 0				Much motion.
	III. Tr. E. Outer contact	11 26 0	11	26	0	Rough obser- vation.
29	II. Oc. D. Outer contact	6 45 0	6	45	0	
	Inner ,,	6 49 0				
	II. Ec. R. First seen	10 8 10	10	9	1	
	Full disk	10 10 30				
	I. Tr. I. First contact	10 40 0	10	39	0	
	Bisection	42 0				
	Inner contact	44 0				
	I. Sh. I. Inner contact	11 6 0				Bad sky.
Dec. 7	I. Oc. D. First contact	9 32 30	9	35	0	Much motion.
	Bisection	35 0				"
	Second contact	36 30				"
14	I. Oc. D. Last seen	11 21 0	11	21	0	
22	II. Tr. E. Just off	10 40 30	10	43	0	
	I. Sh. I. Bisection	11 18 0				
	Just within	11 19 0				
1882. Jan. 24	I. Ec. R. First seen	7 23 21	7	23	33	Good observa- tion.
	Full?	29 0				
Feb. 15	II. Oc. D. First contact	9 29 30	9	29	0	Bad definition.
	Inner contact	9 32 30				"
Mar. 3	I. Tr. E. Inner contact	7 27 0	7	30	0	
	Outer ,,	7 31 0				
11	I. Ec. R. First seen	7 56 38	7	56	46	Good sky.
	Full?	7 57 49				
18	I. Ec. R. First seen	9 52 50	9	52	26	

*Bermerside, Halifax :*  
1882, April 25.